LAND APPLICATION SITE MICHAEL H. WATSON FQMHW 1-4 FAUQUIER COUNTY



VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND AP	PLICATION AGREEMENT	- BIOSOLIDS AND INDUS	TRIAL RESIDUALS
here as "Landowner", and remains in effect until it is the Landowner in the eve individual parcels identifie	greement is made on	eferred to here as the "Permitte party or, with respect to those lels, until ownership of all parc nose parcels for which owners	parcels that are retained by els changes. If ownership of
	ner of record of the real propert al or reclamation sites identified		
Table 1.: Parcels a	uthorized to receive biosolids, v	vater treatment residuals or oth	ner industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
7818-11-1785			190
			·
		and the second	
Additional parcels containing La	 and Application Sites are identified on S	Use Proping A (check if applicable)	
Δ/ Τ	he Landowner is the sole owner he Landowner is one of multiple owner sells or transfers all or pa	e owners of the properties ider	ntified herein.
within 38 months of the la 1. Notify the purchas later than the date	test date of biosolids application ser or transferee of the application of the property transfer; and see of the sale within two weeks	n, the Landowner shall: le public access and crop mar	
notify the Permittee imme	her agreements for land applica diately if conditions change suc of this agreement becomes inv	h that the fields are no longer	available to the Permittee
agricultural sites identified inspections on the land ide purpose of determining co		andowner also grants permiss r after land application of perm ements applicable to such app od processing waste Other	ion for DEQ staff to conduct itted residuals for the lication.
	1. 1	2017	TOWN MANOR CT
Mr. hael H. W. Landowner - Printed Name, Ti) / A ≪ ∪ Mailing	Address & Phone Number
manner authorized by the VF	e Permittee, agrees to apply biosol PA Permit Regulation and in amour application field by a person certifie	77 o ids and/or industrial residuals on t its not to exceed the rates identific	he Landowner's land in the ed in the nutrient management
	fy the Landowner or the Landownersular application to the Landowners		
☐ I reviewed the document(s	s) assigning signatory authority to t Q for review aport request. (Do not	he person signing for landowner a	bove. I will make a copy of this
0001	7//		
Permittee - Authorized Basses	Antativa Signatura		ngton, Virginia 22734
Per/mittee – Authorized Repres Printed Nam		Mailing	Address

Rev 9/14/2012

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Perm	nittee: Recyc Systems, Inc	County or City: FAU QUIFR	County
Land	downer: MICHARI WATEON		
	downer Site Management Requirements:	:	*.
I, the lapplic	Landowner, I have received a DEQ Biosolids Fact Sication of biosolids, the components of biosolids and p	heet that includes information regarding regulatio proper handling and land application of biosolids.	ns governing the land
identif	e also been expressly advised by the Permittee that t fied below must be complied with after biosolids have am responsible for the implementation of these prac	e been applied on my property in order to protect	es restrictions public health, and
	ee to implement the following site management practi lids at the site:	ices at each site under my ownership following th	e land application of
1.	Notification Signs: I will not remove any signs post- biosolids land application site, unless requested by completed.	ed by the Permittee for the purpose of identifying the Permittee, until at least 30 days after land ap	my field as a plication at that site is
2.	Public Access	I for a child average we shall be specified of for at least	one year following
	any application of biosolids. b. Public access to land with a low potential if application of biosolids. No biosolids ame same period of time unless adequate proving. Turf grown on land where biosolids are application.	for public exposure shall be restricted for at least for public exposure shall be restricted for at least ended soil shall be excavated or removed from the visions are made to prevent public exposure to so polied shall not be harvested for one year after appear and with a high potential for public exposure or	30 days following any site during this il, dusts or aerosols; plication of biosolids
3.	not be harvested for 14 months after the a b. Food crops with harvested parts below the application of biosolids when the biosolids months prior to incorporation into the soil, c. Food crops with harvested parts below the biosolids remain on the land surface for a d. Other food crops and fiber crops shall not	e surface of the land shall not be harvested for 20 s remain on the land surface for a time period of fo	months after the our (4) or more months when the accorporation.
4.	Livestock Access Restrictions: Following biosolids application to pasture or hat a. Meat producing livestock shall not be graze b. Lactating dairy animals shall not be graze c. Other animals shall be restricted from gra	zed for 30 days, d for a minimum of 60 days.	
5.	Supplemental commercial fertilizer or manure appli applications such that the total crop needs for nutri- developed by a person certified in accordance with	ications will be coordinated with the biosolids and ents are not exceeded as identified in the nutrient	industrial residuals management plan
6.	Tobacco, because it has been shown to accumulat years following the application of biosolids or indus pounds/acre (0.5/kilograms/hectare).	te cadmium, should not be grown on the Landowr strial residuals which bear cadmium equal to or ex	er's land for three ceeding 0.45
	Landowner's Signature	Date	
	Will E RA	#25	
	Farm Operator Signature	Mailing Address & Phone Num	ber

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

-			
PART D-VI: LAND APP	LICATION AGREEMEN	T - BIOSOLIDS AND INDUS	STRIAL RESIDUALS
remains in effect until it is to the Landowner in the event individual parcels identified	erminated in writing by either of a sale of one or more partial in this agreement changes	between <u>Lavada</u> , referred to here as the "Permiler party or, with respect to those arcels, until ownership of all part, those parcels for which owner esiduals under this agreement.	e parcels that are retained by cels changes. If ownership of
		erty located in <u>Fauquier</u> ed below in Table 1 and identif	
Table 1.: Parcels aut	horized to receive biosolids	, water treatment residuals or o	ther industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Parcel ID	Tax Parcel ID
7818-11-1785			
Additional parcels containing Lan	I d Application Sites are identified o	n Supplement A (check if applicable)	
		ner of the properties identified t	nerein.
		iple owners of the properties ide	
within 38 months of the late 1. Notify the purchase later than the date	est date of biosolids applicate or or transferee of the applic of the property transfer; and	able public access and crop ma	
notify the Permittee immedi	ately if conditions change s	ication on the fields identified huch that the fields are no longe nvalid or the information herein	r available to the Permittee
agricultural sites identified a inspections on the land ider purpose of determining com	above and in Exhibit A. The ntified above, before, during npliance with regulatory req or treatment residuals		sion for DEQ staff to conduct mitted residuals for the
LavaOp O.WATSon Landowner - Printed Name, Title	Lavarla 2	Mitson DAQU	1A 62 30019 ng Address & Phone Number 7706140761
manner authorized by the VPA	Permit Regulation and in amo	solids and/or industrial residuals or ounts not to exceed the rates identi ified in accordance with §10.1-104	n the Landowner's land in the fied in the nutrient management
The Permittee agrees to notify	the Landowner or the Landow	ner's designee of the proposed scl er's land. Notice shall include the s	nedule for land application and
		o the person signing for landowner not check this box if the landowner signs	
(10 SIM	7	DO Boy 560 Bom	ington Virginia 22724
Permittee – Authorized Represer Printed Name	ntative Signature	· · · · · · · · · · · · · · · · · · ·	ington, Virginia 22734 ng Address

Rev 9/14/2012

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Perm	nittee: Recyc Systems, Inc	County or City: Fauquier
Land	lowner: Lavada D. Watson	
		•
Lanc	downer Site Management Requirements	
I, the applic	Landowner, I have received a DEQ Biosolids Fact Station of biosolids, the components of biosolids and	Sheet that includes information regarding regulations governing the land proper handling and land application of biosolids.
identif	e also been expressly advised by the Permittee that fied below must be complied with after biosolids hav am responsible for the implementation of these prac	the site management requirements and site access restrictions re been applied on my property in order to protect public health, and citices.
l agre biosol	e to implement the following site management praci	tices at each site under my ownership following the land application of
1.	Notification Signs: I will not remove any signs pos biosolids land application site, unless requested by completed.	ted by the Permittee for the purpose of identifying my field as a
2.	any application of biosolids. b. Public access to land with a low potential application of biosolids. No biosolids amount amount application of time unless adequate processing and where biosolids are a	If for public exposure shall be restricted for at least one year following for public exposure shall be restricted for at least 30 days following any ended soil shall be excavated or removed from the site during this visions are made to prevent public exposure to soil, dusts or aerosols; pplied shall not be harvested for one year after application of biosolids er land with a high potential for public exposure or a lawn, unless
3.	not be harvested for 14 months after the b. Food crops with harvested parts below th application of biosolids when the biosolid months prior to incorporation into the soil c. Food crops with harvested parts below th biosolids remain on the land surface for a d. Other food crops and fiber crops shall no	e surface of the land shall not be harvested for 20 months after the s remain on the land surface for a time period of four (4) or more
4.	Livestock Access Restrictions: Following biosolids application to pasture or h a. Meat producing livestock shall not be grade. b. Lactating dairy animals shall not be grade. c. Other animals shall be restricted from grade.	zed for 30 days, ed for a minimum of 60 days.
5.	Supplemental commercial fertilizer or manure app applications such that the total crop needs for nutr developed by a person certified in accordance with	lications will be coordinated with the biosolids and industrial residuals rients are not exceeded as identified in the nutrient management plan h §10.1-104.2 of the Code of Virginia;
6.	Tobacco, because it has been shown to accumula years following the application of biosolids or indu pounds/acre (0.5 kilograms/hectare).	ate cadmium, should not be grown on the Landowner's land for three strial residuals which bear cadmium equal to or exceeding 0.45
	LAVADA D. WATSON LANDUBULE	12 Nev 12_
	Landowner's Signature	Date
	Wilh 3 Ret	
	Farm Operator Signature	Mailing Address & Phone Number

FARM DATA SHEET

SITE NAME:	Michael H. Watson	COUNTY:	Fauquier
OWNER:	Michael H. and Lavada D. Watson	OPERATOR:	Bill Ritchie
OWNER'S	2017 Town Manor Ct.	OPERATOR'S	5177 Ritchie Road
ADDRESS:	Dacula, GA 30019	ADDRESS:	Bealton, VA 22712
OWNER'S TELEPHONE:	770-856-1857	OPERATOR'S TELEPHONE:	540-272-6906
GENERAL FARM TYPE:	Row Crops	CELL PHONE:	-
# CATTLE:	None	EMAIL:	-
LAGOON or SLURRY:	None	LATITUDE:	38°32′31″
TOPO QUAD:	Midland	LONGITUDE:	77°42′03″
COMMENTS:			-
			•
			LBB

RECYC SYSTEMS, INC FIELD DATA SHEET

Field	Gross		Environmentally Sensitive Soils	Sensitive S	oils		Тах	FSA
Identification	Acres	Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood	Hydro Map	Map#	Tract #
		62B NovMay			:			
FQMHW 1	26.6	63A NovMay	ı	1		RA 17	7818-11-1785	F 6, 7, 8
C 24 C	7	200				1		1879
FUINIHW 2	27.3	bsA NovMay	1	1	1	KA 17	/818-11-1785	F 3, 5, 7, 8
FQMHW 3	12.9	63A NovMay	•	ı		RA 17	7818-11-1785	T 1879 F 4
		62B NovMay						
		63A NovMay						T 1879
FQMHW 4	54.5	66A NovApr.	1	ı	ı	RA 17	7818-11-1785	F 1,2
					:			
TOTAL ACRES IN SITE	121.3							

Landowner Coordination Form

This form is used by the Permittee to identify properties (tax parcels) that are authorized to receive biosolids and/or industrial residuals, and each of the legal landowners of those tax parcels. A Land Application Agreement-Biosolids and Industrial Residuals from original signature must be attached for each legal landowner identified below prior to land application at the identified parcels.

Permittee:

Recyc Systems Inc.

Site Name:

Michael H. Watson

County or City:

Fauguier County

Please Print

Signature not required on this page

Tax Parcel ID(s)	<u>Landowners (s)</u>
7818-11-1785	Michael H. and Lavada D. Watson
	·

Michael H. Watson Fauquier County

New	Fiel	d
14644		M

1

Old Field

3A, 3B, 5

2

3A, 3B, 4

3

3A

4

1, 2

Page 3 of 4

Report Number: 12-333-0552 Account Number: 70594 RECYC SYSTEMS INC 8455 WHITESHOP RD CULPEPER VA 22701 SUSAN TRUMBO Send To:



A&L Eastern Laboratories 7621 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6445

Grower:

MICHAEL WATSON/FOMHW FAUQUIER CO

Submitted By: BETH BENNETT Farm ID:

SOIL ANALYSIS REPORT

Date Of Report: 11/30/2012

Analytical Method(s): Mehlich 3

Date Of Analysis: 11/29/2012

Date Received: 11/28/2012

2	-		Organic Matter	latter		Phosphorus	orus	Potassium	\vdash	Magnesium	Calcium	E	Sodium	Hq	_	Acidity	C.E.C
Field ID	Number	8	Rafe	ENR	Mehlich 3	٦3	Reserve	¥		Mg	Ca		e Z	ı	Buffer	I	
					mdd	Rate	ppm Raf	Rate ppm	Rate ppm	Rate ppm		Rate ppm	pm Rate	五	Index	meq/100g meq/100g	meq/100g
1	06505	2.3	٦	86	23	7		35	VL 115	Σ	M 1073	I		6.2	6.84	0.0	7.3
		ercent	Percent Base Saturation	uration	Nitr	Nitrate	Sulfur	Zinc	Manganese	se Iron		Copper	Boron	Soluble Salts		Chloride	Aluminum
Sample ID Field ID	χ%	Mg %	ca %	Na %	ON H	NO ₃ N m Rate ppm	S	Zn Rate ppm Rate	Rate ppm Rate ppm Rate ppm	Fe ppm	9 Rate ppr	Cu m Rate		SS ms/cm	Rate	SS CI Rate ms/cm Rate ppm Rate	Pp A
	1.2	13.1 73.5	73.5	12	12.1												

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to sample(s) tested. Samples are retained a maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

Pauric McGroary

by Pauric Mc Geory

Page 4 of 4

Report Number: 12-333-0552 Account Number: 70594 RECYC SYSTEMS INC SUSAN TRUMBO Send To:

8455 WHITESHOP RD CULPEPER VA 22701

www.aleastern.com

A&L Eastern Laboratories 7521 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Grower:

MICHAEL WATSON/FOMHW FAUQUIER CO

Submitted By: BETH BENNETT Farm ID:

Date Received: 11/28/2012

Date Of Report: 11/30/2012

SOIL FERTILITY RECOMMENDATIONS

Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N Ib/A	Phosphate P ₂ O ₅ Ib/A	Potash K ₂ O Ib/A	Magnesium Mg Ib/A	Sulfur S Ib/A	Zinc Zn Ib/A	Manganese Mn Ib/A	Iron Fe Ib/A	Copper Cu Ib/A	Boron B Ib/A
	Adjust pH to 6.8	0	1.3				0						

Comments:

Sample(s): 5 Crop: Adjust pH to 6.8

Apply dolomitic lime to raise pH and improve the magnesium level.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made." Our reports and letters are for the exclusive and confidential use of our clients., and may not be reproduced in whole or part, nor may any reference be made to the

work, the results, or the company in any advertising, news release, or other public anouncements without obtaining our prior written authorization. Copy right 1977.

Pawie Mc Geory

Pauric McGroary

Page 1 of 4

Report Number: 12-333-0552

Account Number: 70594

RECYC SYSTEMS INC 8455 WHITESHOP RD CULPEPER VA 22701 SUSAN TRUMBO

Send To:



A&L Eastern Laboratories 7221 Whitepine Road Richmond, Virginia 23237 (804) 743-9401 Fax (804) 271-6446

Grower:

FAUQUIER CO

Submitted By: BETH BENNETT Farm ID:

MICHAEL WATSON/FOMHW

SOIL ANALYSIS REPORT

Analytical Method(s): Mehlich 3

Date Received: 11/28/2012	1/28/2012		Date	Of Analy	/sis: 1	Date Of Analysis: 11/29/2012	Date Of F	Date Of Report: 11/30/2012	112		Meniich 3					
			Organic Matter	Matter		Phos	Phosphorus	Potassium	Magneslum	- un	Calcium	Sodium	표	_	Acidity	C.E.C
Sample ID Field ID	Lab Number	%	6 Rate	te ENR		Mehlich 3 ppm Rate	Reserve ppm Rate	K ppm Rate	Mg mdd	Rate	Ca ppm Rate	Na ppm Rate	Soil PH	Buffer Index	H meq/100g	meq/100g
4	06500	2.4	4 L	. 82	2 23	1		37 VL	. 229	I	1745 H		6.8	6.90	0.3	11.1
*	06501	1.9	7 6	75	5 22	Г		22 VL	. 126	M	1521 H		6.9	6.92	0.1	8.8
1,2,3	06502	2.6	6 M	98	5 26	. L		41 VL	128	L	1957 VН		7.3		0.0	11.0
1,2	06503	2.1	1 L	81	1 20	Г		א ר	168	Н	1051 M		6.3	6.85	0.8	7.7
2	06504	2.1	1 L	75	35	M		36 VL	- 171	M 2	2050 H		7.4		0.0	11.8
		Percen	Percent Base Saturation	aturatio	E	Nitrate	Sulfur	Zinc Ma	Manganese	Iron	Copper	r Boron	Soluble Salts		Chloride	Aluminum
Sample ID Field ID	× %	BW %	2,%	2 % 8	1 %	NO3N ppm Rate	N S Rate pom Rate p	Zn Zn	Min Rate	Fe Room R	Rate pom R	Rate pom Rate	SS ms/cm Rate	Rate pom	CI TI Rate	A Popul
4	6.0	17.2	78.6		2.9						:	:				
4	9:0	11.9	86.4		4:1											
1,2,3	1.0	9.7	89.0		0.0											
1,2	2.6	18.2	68.2		10.5											
7	8.0	12.1	86.9		0.0											
Values on this report represent the plant available nutrients in the	present the	plant ave	ilable nutr	ients in th		xplanation of sy	Explanation of symbols: % (percent), ppm (parts per million), lbs/A	ppm (parts per mil	llion), lbs/A	This	report applies to sar	This report applies to sample(s) tested. Samples are retained a	are retained a			

Values on this report represent the plant available moving in soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High), ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Capanatus to symbols. A prevent, pprintpairs per initiation, to symbols per certifinates), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

maximum of thirty days after testing.

Analysis prepared by: A&L Eastern Laboratories, Inc.

by: Paurie Me Geory

Page 2 of 4

Report Number: 12-333-0552 Account Number: 70594

8455 WHITESHOP RD CULPEPER VA 22701 RECYC SYSTEMS INC SUSAN TRUMBO Send To:

www.aleastern.com

A&L Eastern Laboratories 7521 Whitepine Road Richmond, Virginia 23237 (804) 143-9401 Fax (804) 271-6446

Grower:

MICHAEL WATSON/FQMHW FAUQUIER CO

Submitted By: BETH BENNETT Farm ID:

Date Received: 11/28/2012

	Date Of Report: 11/30/2012	χ̈	OIL FER	TILITY F	SOIL FERTILITY RECOMMENDATIONS	ENDATIC	SNO			:			
Sample ID Field ID	Intended Crop	Yield Goal	Lime Tons/A	Nitrogen N Ib/A	Phosphate P ₂ O ₅ 1b/A	Potash K ₂ O Ib/A	Magnesium Mg Ib/A	Sulfur S 1b/A	Zinc Zn Ib/A	Manganese Mn Ib/A	lron Fe Ib/A	Copper Cu Ib/A	Boron B Ib/A
4	Adjust pH to 6.8	0	0.0				0						
4	Adjust pH to 6.8	0	0.0				0		į				
1,2,3	Adjust pH to 6.8	0	0.0				0						
1,2	Adjust pH to 6.8	0	1.0			!	0						
7	Adjust pH to 6.8	0	0.0				0						

Comments:

Sample(s): 4 Crop: Adjust pH to 6.8

Cation Exchange Capacity may be over-estimated due to high pH and free lime in the soil.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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Pawie Mc Geory

Pauric McGroary

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet (Spring, 2013-Summer, 2014) Michael H. and Lavada D. Watson Planner: Recyc Systems Inc.

Tract: 1879 Location: Fauquier (N = N based, 1P = P based, 1.5 removal, 0P = No P allowed)

	Notes				
	Sum Commercial P N-P-K rem (lbs/ac) cred				
	Sum rem cred	A/N	₹/Ž	Υ/Z	Ψ/Z
	Net = Needs - appld N-P-K (lbs/ac)	70-60-130	70-50-130	70-60-120	70-60-130
	Man/Bios N-P-K (Ibs/ac)				
	(p)				
	Manure/Biosld Rate & Type (season)				
CMEC	Leg /Man Resid	0/0	0/0	0/0	0/0
al, or a some	Needs N-P-K (Ibs/ac)	70-60-130	70-50-130	70-60-120	70-60-130
Dased at 1.0 ferrior	Crop	Fescue grass hay 70-60-130 mt.	27/27 2013 Fescue grass hay mt.	13/13 2013 Fescue grass hay mt.	Fescue grass hay mt
-	Υ.	2013	2013	2013	2013
ממטים	Size (ac) Total/ Used	26/26	27/27	13/13	54/54
IN - IN DASCA, IT - I DASCA, I.ST - I DASCA AL I.S TEHIOVAL, OF	Field CFSA No. /Name	6,7,8/FQMHW 1(N) 26/26 2013	3,5,7,8/FQMHW 2(N)	4/FQMHW 3(N)	1.2/FQMHW 4(N) 54/54 2013 Fescue grass hay mt.

Commercial Application Methods: br - Broadcast ba - Banded sd - Sidedress

Notes:

Soil Test Summary

Tract	Field	Асге	Date	P205	K20	Lab	Soil	Soil Lime	rec. lime
							늉	Date	tons/Ac
1879	FOMHW 1	26	2012-Fa	M- (23 P ppm)	L (35 K ppm)	A&L MIII	6.2		
1879	FQMHW 2		2012-Fa	M (35 P ppm)	L (36 K ppm)	A&L MIII	7.4		
1879	FQMHW 3	13	2012-Fa	M- (26 P ppm)	L+ (41 K ppm)	A&L MIII	7.3		
1879	FOMHW 4		2012-Fa	2012-Fa M- (23 P ppm)	L (37 K ppm)	A&L MIII	6.8		

Field Productivities for Major Crops

""					
Small Alfalfa Grass Environmental Warnings Grain					
Grass Hay	≡	=	≡	≥	
Alfalfa	Not	≡	Ξ	Not	Suited
Small Grain	2	Ξ	2	>	
Corn	ΙΛb	Na	Νb	>	
Predominant Soil Corn Series	Ashburn	Ashburn	Ashburn	Sycoline	
Acres	26	27	13	54	
Field Name Acres	1879/6,7, FQMHW 1 26 8	879/3,5, FQMHW 2	FQMHW 3	FQMHW 4	
Tract/ Field	1879/6,7, 8	1879/3,5, 7 8	4		
Tract Name Tract/	1879				

Yield Range

Field Productivity Group II	Corn Grain Bu/Acre >170 150-170 130-150	Barley/Intensive Wheat Bu/Acre >80 70-80 60-70	Std. Wheat Bu/Acre >64 56-64 48-56	Alfalfa Tons/Acre >6 4-6 <4-6	Grass/Hay Tons/Acre >4.0 3.5-4.0 3.0-3.5
	<100	-50 -50	×40 ×40	V V	O. AN

Farm Summary Report

Spring, 2013 - Summer, 2014 New Plan Plan:

Farm Name: Michael H. and Lavada D. Watson Location: Fauquier Specialist: Recyc Systems Inc. N-based Acres: 119.6 P-based Acres: 0.0

1879 1879 FSA Number: Tract Name:

Fauquier Location:

25.50 **FQMHW 1**25.50 Usable Acres: 36,7,8
1879 Field Name: Total Acres:

FSA Number:

Fauquier Location: Tract:

Hydrologic Group: Ω Slope Class:

O

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices: Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

K L(35 K ppm) Р М-(23 Р ррт) Soil Test Results:
DATE PH
Fa-2012 6.2

Lab

A&L MIII

Soils:

SOIL SERIES SYMBOL PERCENT

Sycoline Kelly Ashburn 62B 63A 74B 21 33 49

Field Warnings:

Crop Rotation:

CROP NAME Fescue grass (hay), maint. - No Till 2.2 * tons YIELD 2013-Sp

Field Name: Total Acres:

FQMHW 227.30 Usable Acres: 27.30 3,5,7,8

FSA Number:

Fauquier Hydrologic Group: 1879 Location: Slope Class: Tract:

Μ

S

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices: Pasture (>75% cover)

P-Index Summary

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method N-based

L(36 K ppm) M(35 P ppm) Φ Soil Test Results: DATE PH Fa-2012 7.4

Lab

A&L MIII

Soils:

SOIL SERIES PERCENT 23

Ashburn SYMBOL Kelly 63A 74B

Field Warnings:

YIELD Crop Rotation: PLANTED Y 2013-Sp 2

CROP NAME Fescue grass (hay), maint. - No Till 2.7 * tons

FQMHW 3 12.90 Usable Acres: 12.90 Field Name: Total Acres:

1879 FSA Number: Tract:

Fauquier Location:

Hydrologic Group: m Slope Class:

O

Riparian buffer width: 0 ft

Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results: DATE PH Fa-2012 7.3

L+(41 K ppm) M-(26 P ppm)

Lab

A&L MIII

Soils:

SOIL SERIES SYMBOL PERCENT

Ashburn Kelly 63A 74B 43

Field Warnings:

YIELD Crop Rotation:

CROP NAME Fescue grass (hay), maint. - No Till 2.4 tons

Field Name: Total Acres:

53.90 FQMHW 4 53.90 Usable Acres:

FSA Number:

1,2 1879 Tract:

Fauquier Hydrologic Groùp: Location: Slope Class:

ω

ပ

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices: Pasture (>75% cover)

P-Index Summary N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

K L(37 K ppm) P M-(23 P ppm) Soil Test Results: DATE PH Fa-2012 6.8

Lab

A&L MIII

Soils:

SOIL SERIES SYMBOL PERCENT 65 33 2

Sycoline 62B 63A 66A

Kelly Waxpool

Field Warnings:

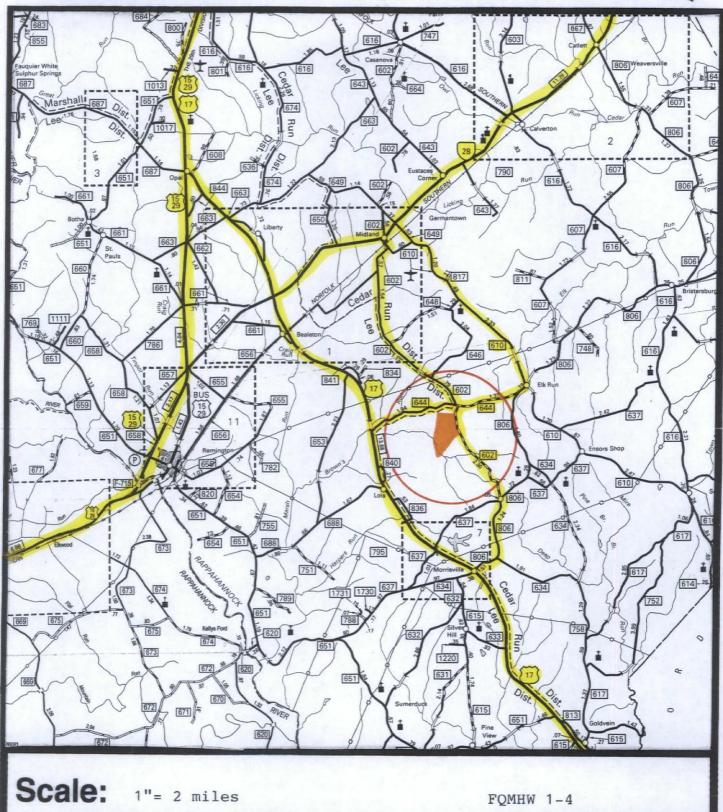
CROP NAME Fescue grass (hay), maint. - No Till YIELD 1.0 tons Crop Rotation: PLANTED Y 2013-Sp 1.

MAPS

Recyc Systems.

(Biosolids Land Application)



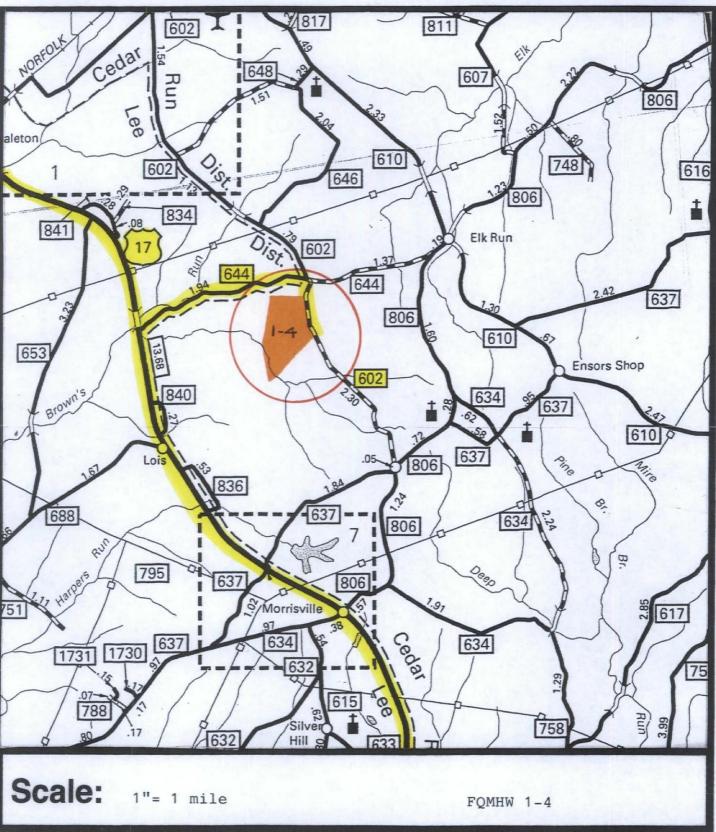


VICINITY MAP

Recyc Systems.

(Biosolids Land Application)



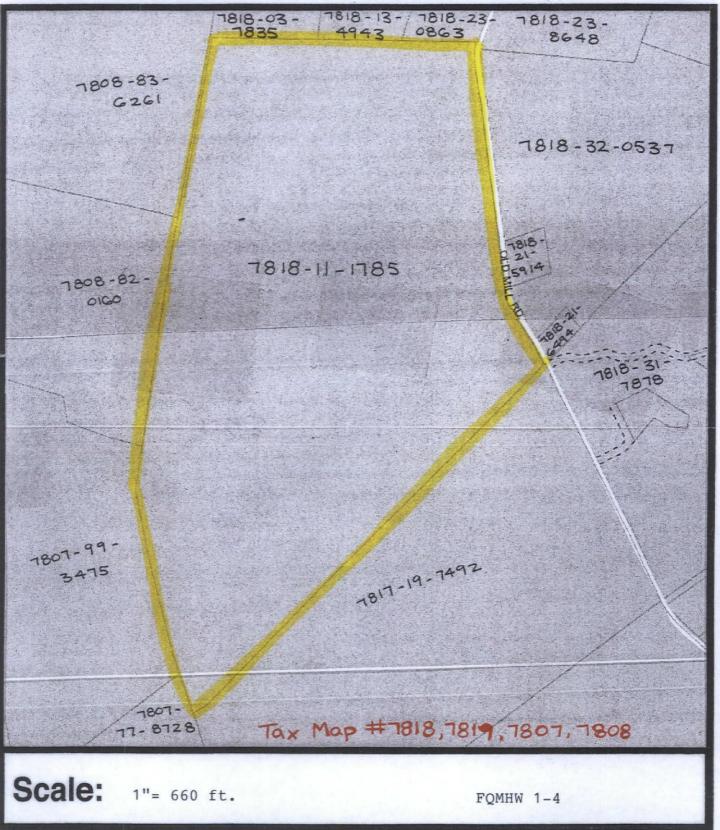


VICINITY MAP

Recyc Systems Inc.

(Biosolids Land Application)





TAX MAP

ADJOINING LANDOWNERS

Michael H. Watson

FAUQUIER COUNTY

Owner Name(s)
Wilbur Early Ritchie
Wilbur Early Ritchie II
Janice N. and Ricky L. Ritchie
Flying Circus Airshows Inc.
Carlayne Holloway Trust; Lee Holloway Trust
SBB LLC
SBB LLC
Elbert Mann A/K/A Elbert E. Mann
Rosemary Saunders
SBB LLC
Constance B. and Serafim L. Guerra
E. Dickerson III F/B/O, Clarence E. Dickerson Trustee, George E. Dickerson F/B/O, Michael L. Dickerson F/B/O, Ruth E. Potter F/B/O Allen R. Dickerson F/B/O, Clara V. Dickerson Trustee, Clarence E. Dickerson III F/B/O, Clarence E. Dickerson Trustee, George E. Dickerson F/B/O, Michael L. Dickerson F/B/O, Ruth E. Potter
F/B/O

Recyc Systems.

(Biosolids Land Application)





Scale:

1"= 660 ft.

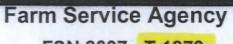
FQMHW 1-4

SOIL MAP

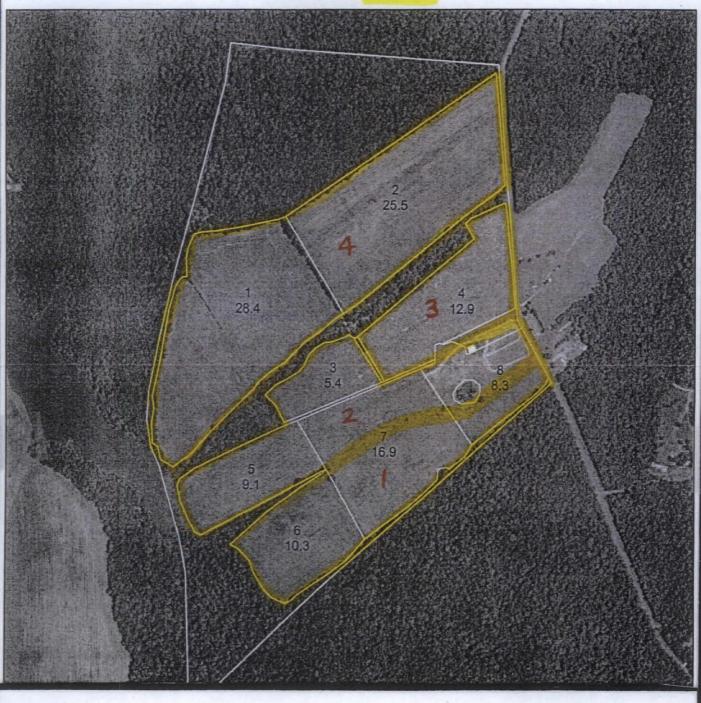
Recyc Systems.

(Biosolids Land Application)





FSN 2097 T 1879



Scale:

1"= 660 ft.

FQMHW 1-4

AERIAL MAP

Legend for Site Plan

House and Well

Well / Spring

Perennial Streams & Surface



Wet Spot

Intermittent Stream / Drainage



Trees and Woods



Private Drive

Rock / Rocky Area



Sinkhole



Severely Eroded Spot



State Road



Field Boundary / Fence



Property Line



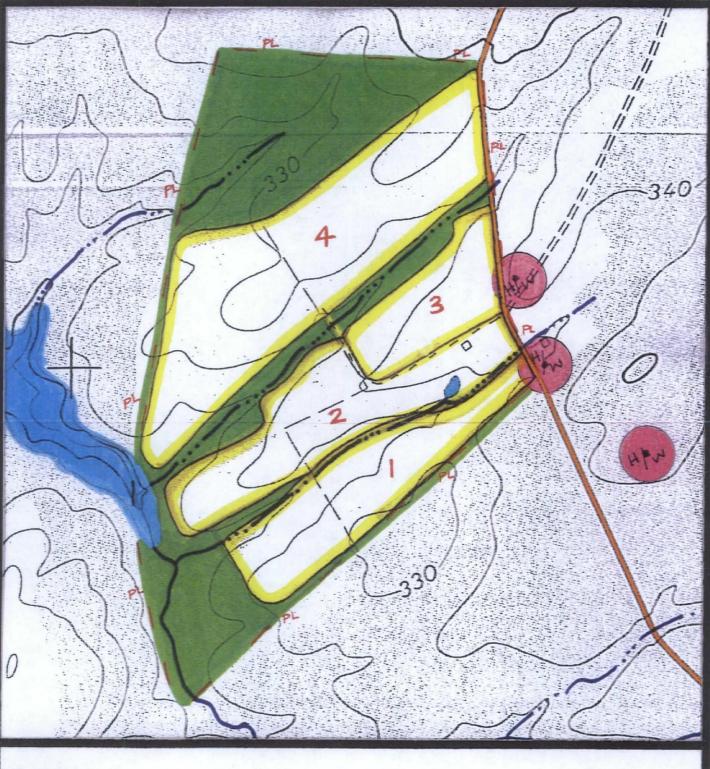
Slope

Frequent Flooded Soil

Recyc Systems...

(Biosolids Land Application)





Scale:

1"= 660 ft.

FQMHW 1-4

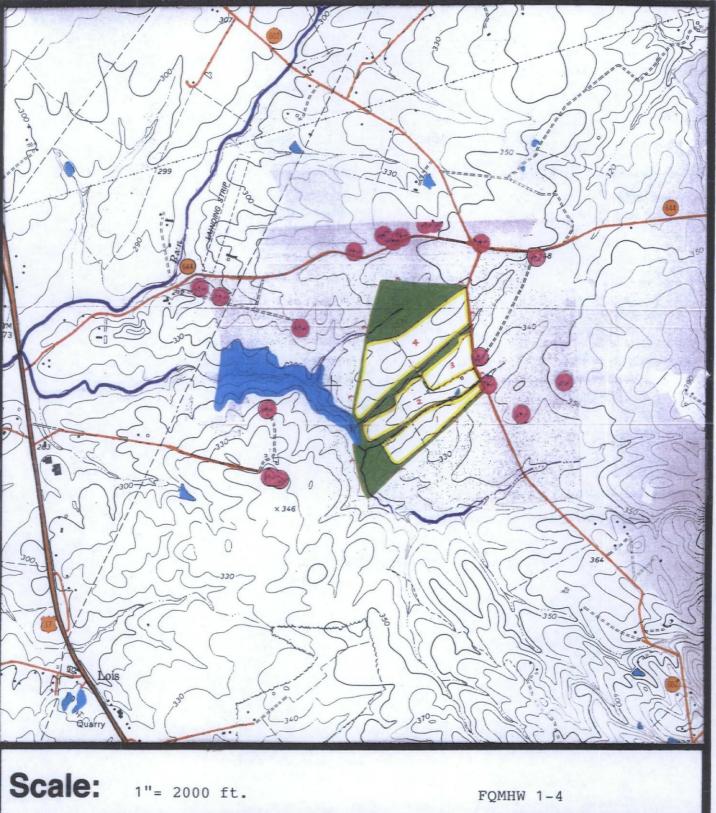
SITE PLAN

NA

Recyc Systems.

(Biosolids Land Application)





TOPOGRAPHIC MAP